IN THE SPECIFICATION:

Please amend the specification as follows.

Please amend the paragraph starting at page 3, line 10 as follows:

--With the cleaner-less process, the off-color toner, that is unusual toner, that adheres to the downstream photoreceptor is then returned to the toner container, thus changing the color of the toner contained in the toner container due to this inclusion of off-color toner, which then changes the coloration of the toner transferred to the recording paper and thereby degrading the resulting picture quality. --.

Please amend the paragraph starting at page 5, line 17 as follows:

--According to still another aspect of the present invention, preferably, a cartridge that can be detachably attached to a color image forming apparatus that forms an image using a plurality of color toners, comprises: ~~the cartridge comprising:~~ --.

Please amend the paragraph starting at page 5, line 26 as follows:

--According to still another and further aspect of the present invention, preferably, the present invention relates to a memory device loaded into a cartridge used in an image forming apparatus that uses a plurality of color toners to form an image, the image forming apparatus including an image carrier, a toner container holding toner, and a developer member for developing the toner in the toner container onto the image carrier, memory device comprising a storage area for storing information related to an amount of off-color toner in the toner container. --.

Please amend the paragraph starting at page 7, line 7 as follows:

--FIG. 5 shows a relational table relating the toner consumption amount and the toner amount and a relation table showing the number of developer roller rotations and the amount of degraded toner. --.

Please amend the paragraph starting at page 8, line 20 as follows:

--As shown in the diagram, one of a photosensitive drums 1y, 1m, 1c and 1k is provided at one end inside each of the process cartridges P1, P2, P3 and P4, with the developer units 4y, 4m, 4c and 4k and electrostatic rollers 2y, 2m, 2c and 2k provided at the periphery of each of the photosensitive drums 1y, 1m, 1c and 1k. --.

Please amend the paragraph starting at page 12, line 4 as follows:

--The developer unit 4y contains the rotating developer roller 5y, a developer blade ~~11y~~ that limits the thickness of the toner carried on the surface of the developer roller 5y, and a toner supply roller ~~12y~~ for placing toner on the developer roller 5y. --.

Please amend the paragraph starting at page 12, line 9 as follows:

--Either magnetic or non-magnetic toner may be used, which may be either polymerized or pulverized. The toner used in the present embodiment is given a negative electrostatic charge when rubbed. The toner is reduced in thickness by the developer blade ~~11y~~ as it is rubbed onto the surface of the developer roller 5y. An electrical power source (not shown in the diagram) applies a development bias of -400V to the developer roller 5y, which causes the toner to adhere to the developed portions on

the photosensitive drum 1y, with the electrostatic potential image developed as a toner image. --.

Please amend the paragraph starting at page 17, line 17 as follows:

--The off-color recovered toner amount thus estimated is added to the inverted toner amount to obtain a defective toner amount, which is then compared to a threshold unique to the process cartridge stored in the memories provided in the process cartridges. Also, in addition to the defective toner amount and the total residual toner amount, the memory also contains a relational table (relational formula) relating the individual color toner use amounts and the off-color recovered toner amounts, as well as a relational table (relational formula) relating the number of developer roller rotations to the inverted toner amount. --.

Please amend the paragraph starting at page 22, line 15 as follows:

--5% of the ~~The~~ transferred yellow toner ~~5%~~ is attached to the magenta photosensitive drum downstream and is recovered to the magenta developer unit. The developer unit's ~~units~~ initial toner full weight is 130 g. At this yellow toner developer unit, 100 g is consumed and 30 g remain. On the other hand, 5 g amounting to 5 percent of consumption is mixed into the magenta developer unit. We shall call this 5 percent the recovery rate. --.

Please amend the paragraph starting at page 22, line 22 as follows:

--The 100 g consumed at the yellow toner developing unit matches the remaining amount detection system that uses a pixel count Py, such that:

consumed toner amount= Py x k = 100 g --.

Please amend the paragraph starting at page 29, line 23 as follows:

--With the reverse-direction contact development method, the transfer residual amount increases in order that the residual toner be securely recovered. In such cases, by substituting, into equation (2) shown below, a value β that is larger than the ~~a~~ α in equation (1) shown above, and, if the equation is satisfied, stopping usage of the cartridge before picture quality deteriorates prevents the formation of poor-quality printed images before they are allowed to happen:

$$Pty + Rm > \beta \quad \ldots\ldots\ldots\ldots\ldots (2)$$ --.